



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SOUTHERN CALIFORNIA EDISON COMPANY AND

SAN DIEGO GAS AND ELECTRIC COMPANY

DOCKET NO. 50-206

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 1

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 39  
License No. DPR-13

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Southern California Edison Company and San Diego Gas and Electric Company (the licensees) dated July 17, 1978 (Proposed Change No. 72), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 3.B of Facility License No. DPR-13 is hereby amended to read as follows:

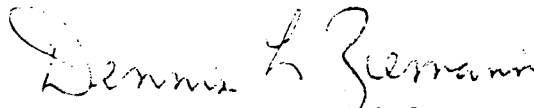
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"B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No.39 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications."

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 30, 1978

ATTACHMENT TO LICENSE AMENDMENT NO. 39

PROVISIONAL OPERATING LICENSE NO. DPR-13

DOCKET NO. 50-206

Revise Appendix A Technical Specifications and Bases and Appendix A Technical Specifications by removing the following pages and inserting the enclosed pages. The revised pages are identified by the captioned amendment number and contain vertical lines indicating the areas of change.

Appendix A

<u>Remove</u>	<u>Insert</u>
68	68
69	69
70	70
72a	72a
73	73
74	74
75	75
79	79
79a	79a

Appendix B

5-1	5-1
5-2	5-2
5-3	5-3
5-4	5-4
5-5	5-5
5-6	5-6

6.0 ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY

- 6.1.1 The PLANT MANAGER shall be responsible for overall facility operation and shall delegate in writing the succession to this responsibility during his absence.

6.2 ORGANIZATION

OFFSITE

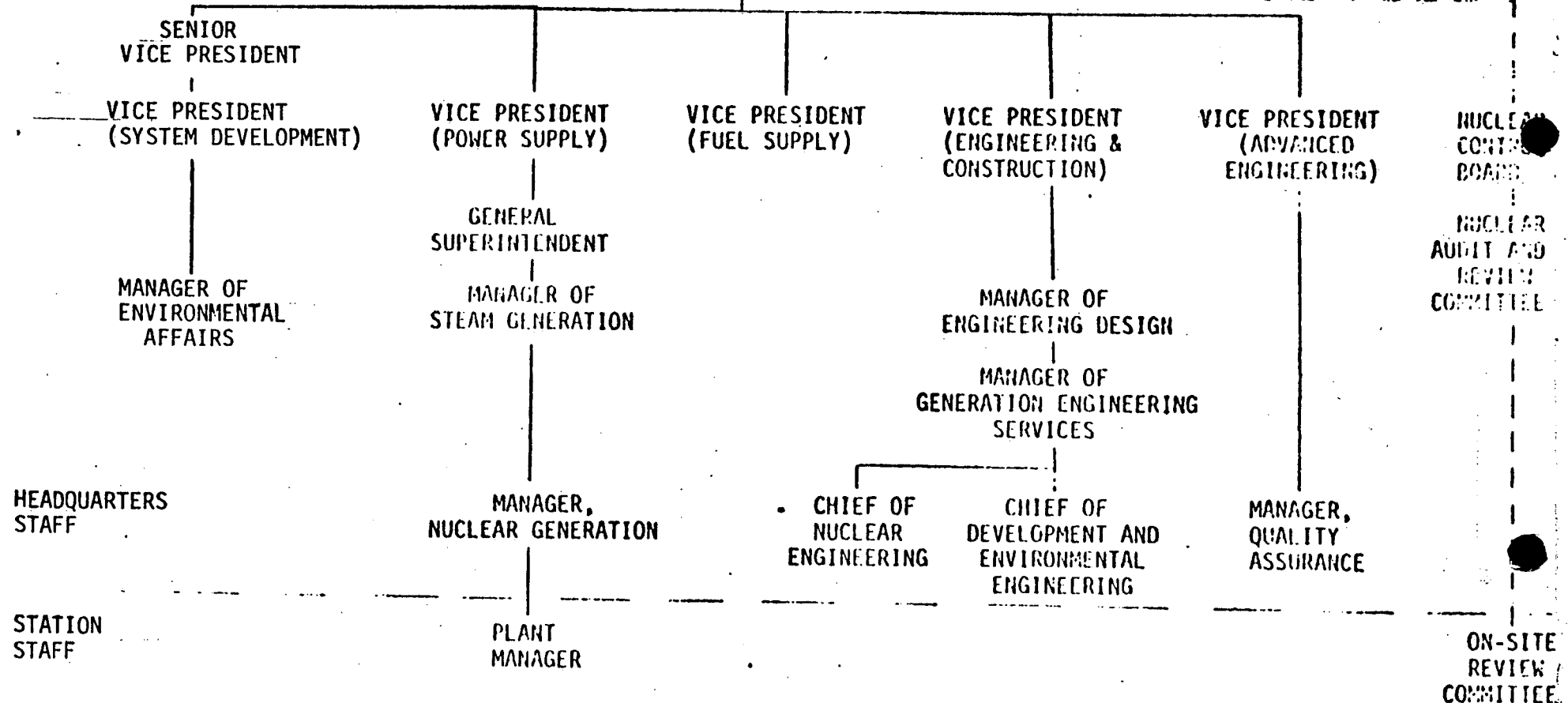
- 6.2.1 The offsite organization for facility management and technical support shall be as shown on Figure 6.2.1.1

FACILITY STAFF

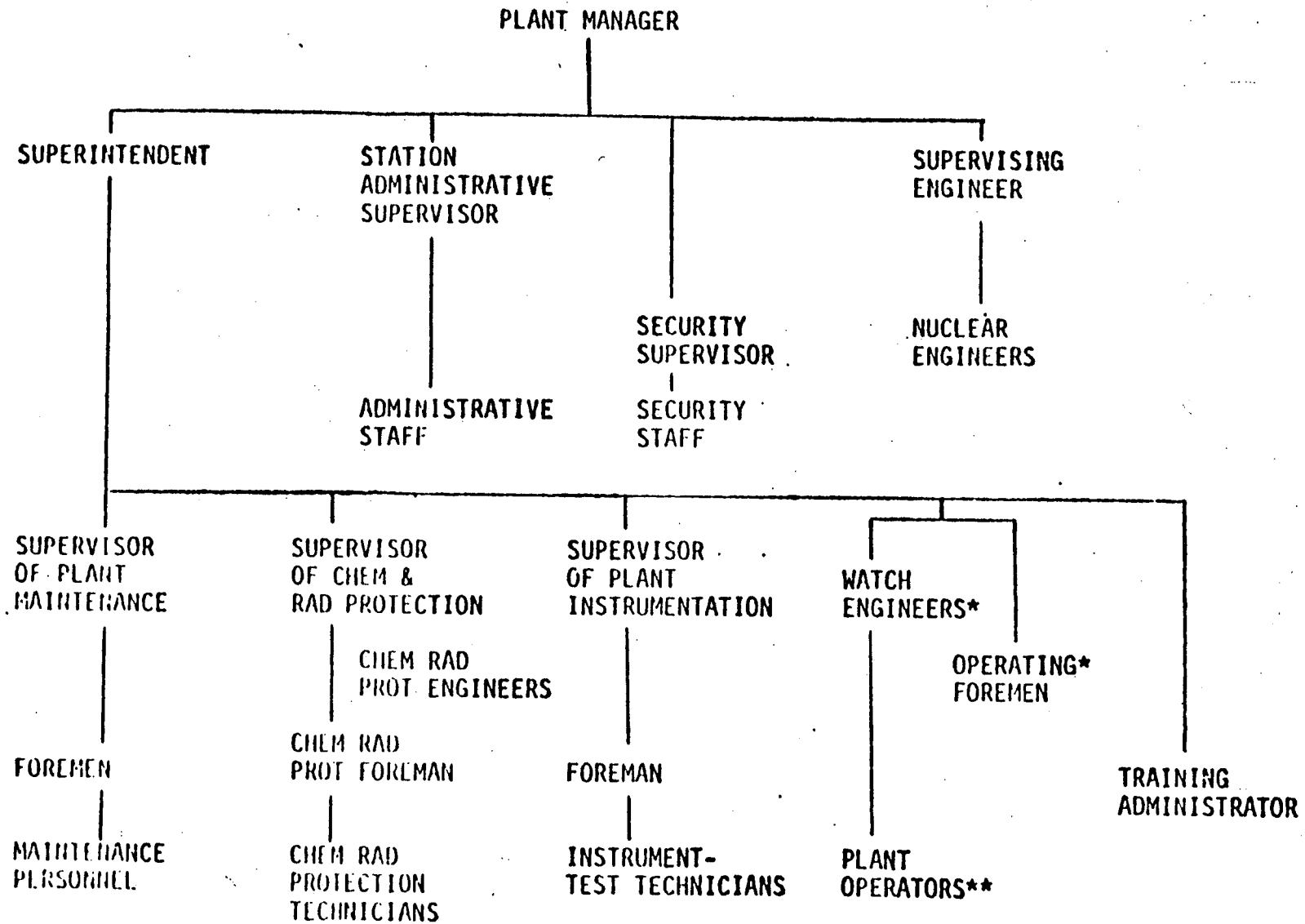
- 6.2.2 The Facility organization shall be as shown on Figure 6.2.2.2 and:
- a. Each on-duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2.2.2.

FIGURE 6.2.1.1  
OFFSITE ORGANIZATION

CHAIRMAN OF THE BOARD  
PRESIDENT



**FIGURE 6.2.2.2**  
**FACILITY ORGANIZATION**



\* Senior Reactor Operator License Required

\*\* Control and Assistant Control Operators are holders of Reactor Operator Licenses

6.3 Facility Staff Qualification

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971, Selection and Training of Personnel for Nuclear Power Plants, for comparable positions. The Supervisor of Chemistry & Radiation Protection shall meet or exceed the minimum qualifications of Regulatory Guide 1.8, September 1975.

6.4 Training

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Plant Manager and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix "A" of 10 CFR Part 55.

6.4.2 A training program for the Fire Brigade shall be maintained under the direction of the Plant Manager and shall meet or exceed the requirements of Section 27 of the National Fire Protection Association Code - 1976.

## 6.5 REVIEW AND AUDIT

### 6.5.1 ONSITE REVIEW COMMITTEE (OSRC)

#### FUNCTION

- 6.5.1.1 The OSRC shall function to advise the Plant Manager on all matters related to nuclear safety.

#### COMPOSITION

- 6.5.1.2 The OSRC shall be composed of the:
- |           |  |
|-----------|--|
| Chairman: | Plant Manager                                  |
| Member:   | Superintendent                                 |
| Member:   | Supervising Engineer                           |
| Member:   | Watch Engineer                                 |
| Member:   | Supervisor of Plant Instrumentation            |
| Member:   | Supervisor of Chemistry & Radiation Protection |
| Member:   | Supervisor of Plant Maintenance                |
| Member:   | Nuclear Engineer                               |
| Member:   | San Diego Gas & Electric Representative        |

#### ALTERNATES

- 6.5.1.3 Alternate members shall be appointed in writing by the OSRC Chairman to serve on a temporary basis; however, no more than two alternates shall participate in OSRC activities at any one time.

#### MEETING FREQUENCY

- 6.5.1.4 The OSRC shall meet at least once per calendar month and as convened by the OSRC Chairman.

#### QUORUM

- 6.5.1.5 A quorum of the OSRC shall consist of the Chairman or his designated alternate and three members, including alternates. For environmental matters, the Supervisor of Chemistry & Radiation Protection or an adequately qualified representative shall be present.

#### RESPONSIBILITIES

- 6.5.1.6 In performing their duties with regard to these Appendix A Technical Specifications, the OSRC shall be responsible for:
- Review of 1) all procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Plant Manager to affect nuclear safety.
  - Review of all proposed tests and experiments that affect nuclear safety.



- c. Review of all proposed changes to the Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e. Investigation of all violations of the Technical Specifications and preparation and forwarding of a report covering evaluation and recommendations to prevent recurrence to the Manager, Nuclear Generation and to the Chairman of the Nuclear Audit and Review Committee.
- f. Review of facility operations to detect potential safety hazards.
- g. Performance of special reviews and investigations and reports thereon as requested by the Chairman of the Nuclear Audit and Review Committee.
- h. Review of the Plant Security Plan and implementation procedures at least once each two years.
- i. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairman of the Nuclear Audit and Review Committee.

#### AUTHORITY

6.5.1.7 The OSRC shall:

- a. Recommend to the Plant Manager written  
approval or disapproval of items considered under 6.5.1.6(a) through (d) above.
- b. Render determinations to the Plant Manager  
in writing with regard to whether or not each item considered under 6.5.1.6(a) through (e) above constitutes an unreviewed safety question.
- c. Provide immediate written notification to the Manager, Nuclear Generation and the Chairman of Nuclear Audit and Review Committee of disagreement between the OSRC and the Plant Manager however, the Plant Manager shall have  
responsibility for resolution of such disagreements pursuant to 6.1.1 above.

## RECORDS

- 6.5.1.8 The OSRC shall maintain written minutes of each meeting and copies shall be provided to the Manager, Nuclear Generation and Chairman of the Nuclear Audit and Review Committee.

## 6.5.2 NUCLEAR AUDIT AND REVIEW COMMITTEE (NARC)

### FUNCTION

- 6.5.2.1 The NARC provides independent review and audit of designated activities in the area of nuclear safety (see Appendix A, DPR-13) and environmental impact (see Appendix B, DPR-13).

### COMPOSITION

- 6.5.2.2 The NARC shall be composed of the:
- Manager, Generation Engineering Services
  - Manager of Environmental Affairs
  - Manager of Steam Generation
  - Manager of Quality Assurance
  - Chief of Nuclear Engineering
  - Chief of Development & Environmental Engineering
  - Manager, Nuclear Generation
  - San Diego Gas & Electric Representative

Chairmanship shall be designated by the Nuclear Control Board.

### ALTERNATES

- 6.5.2.3 Alternate members shall be appointed in writing by the NARC Chairman to serve on a temporary basis; however, no more than two alternates shall participate in NARC activities at any one time.

### CONSULTANTS

- 6.5.2.4 Consultants shall be utilized as determined by the NARC Chairman.

### MEETING FREQUENCY

- 6.5.2.5 The NARC shall meet at least once per six months.

- b. Review and approve recommended changes to the Technical Specifications.
- c. Submit proposed changes to the Technical Specifications to the Commission.
- d. Maintain management control with respect to nuclear safety.

6.6

DELETED

6.7

SAFETY LIMIT VIOLATION

6.7.1

The following actions shall be taken in the event a Safety Limit is violated:

- a. The provisions of 10 CFR 50.36 (c)(1)(i) shall be complied with immediately.
- b. The Safety Limit violation shall be reported to the Commission, the Manager Nuclear Generation and to the NARC Chairman immediately.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the OSRC. This report shall describe (1) applicable circumstances preceding the violation, (2) effects of the violation upon facility components, systems or structures, and (3) corrective action taken to prevent recurrence.
- d. The Safety Limit Violation Report shall be submitted to the Commission, the NARC and the Manager, Nuclear Generation within 10 days of the violation.

6.8

PROCEDURES

6.8.1

Written procedures and administrative policies shall be established, implemented and maintained that meet or exceed the requirements and recommendations of Sections 5.1 and 5.3 of ANSI N18.7-1976, Administrative Controls for Nuclear Power Plants; Appendix "A" of USNRC Regulatory Guide 1.33, Rev. 1, Quality Assurance Program Requirements (Operation); and Paragraph 2.2.1 of Fire Protection Program Review, STP APCSB 9.5-1, San Onofre Nuclear Generating Station, Unit 1, March, 1977; except as provided in 6.8.2 and 6.8.3 below.

6.8.2

Each procedure and administrative policy of 6.8.1 above and changes thereto shall be reviewed by the OSRC and approved by the Plant Manager prior to implementation.

6.8.3

Temporary changes to procedures of 6.8.1 above may be made provided:

- a. The intent of the original procedure is not altered.
- b. The change is approved by two members of the OSEC.
- c. The change is documented, reviewed by the OSRC and approved by the Plant Manager within seven days.

## 5.1

Responsibility

The Southern California Edison Company shall be solely responsible for the operation of San Onofre Nuclear Generating Station Unit 1. Management responsibility at the station and corporate levels shall be as specified in Section 5.3: and shall ensure that these environmental technical specifications are fully implemented and that continued protection to the environment shall be provided at all times. Responsibility shall be exercised at the corporate level to provide that the group, individual or organization assigned to audit or otherwise verify that an activity has been correctly performed is independent of the individual, group or organization directly responsible for performing the specific activity. Where other organizations are delegated responsibility for executing portions of these environmental technical specifications, the Southern California Edison Company shall retain responsibility for all such activities. A detailed description of the program utilized to audit or otherwise verify that an activity has been correctly performed shall be developed and submitted to the Directorate of Licensing for review within 4 months of the effective date of these environmental technical specifications. The audit and verification program shall be established and conducted in accordance with this program description.

## 5.2

Organization

## 5.2.1

The corporate organization, which provides the line responsibility for the operation of the Station and the staff responsibilities in support of these operations, is depicted in Figure 5.2-1.

## 5.2.2

The Station organization utilized in the operation and maintenance of the Station is depicted in Figure 5.2-2.

## 5.2.3

The Supervisor of Chemistry & Radiation Protection shall be the Onsite Review Committee member responsible for environmental issues. This member shall be qualified in environmental matters.

## 5.3

Review and Audit

Review and audit of Station operations shall be provided by the Onsite Review Committee, the Nuclear Audit and Review Committee, the Nuclear Control Board, and the Quality Assurance Organization.

## 5.3.1

The membership of the Onsite Review Committee and the responsibilities and authorities of the Committee with respect to these environmental technical specifications are as follows:

a. Membership

- (1) Plant Manager (Chairman)
- (2) Superintendent
- (3) Supervising Engineer
- (4) Watch Engineer
- (5) Supervisor of Plant Instrumentation
- (6) Supervisor of Chemical & Radiation
- (7) Supervisor of Plant Maintenance
- (8) Nuclear Engineer
- (9) San Diego Gas & Electric Representative

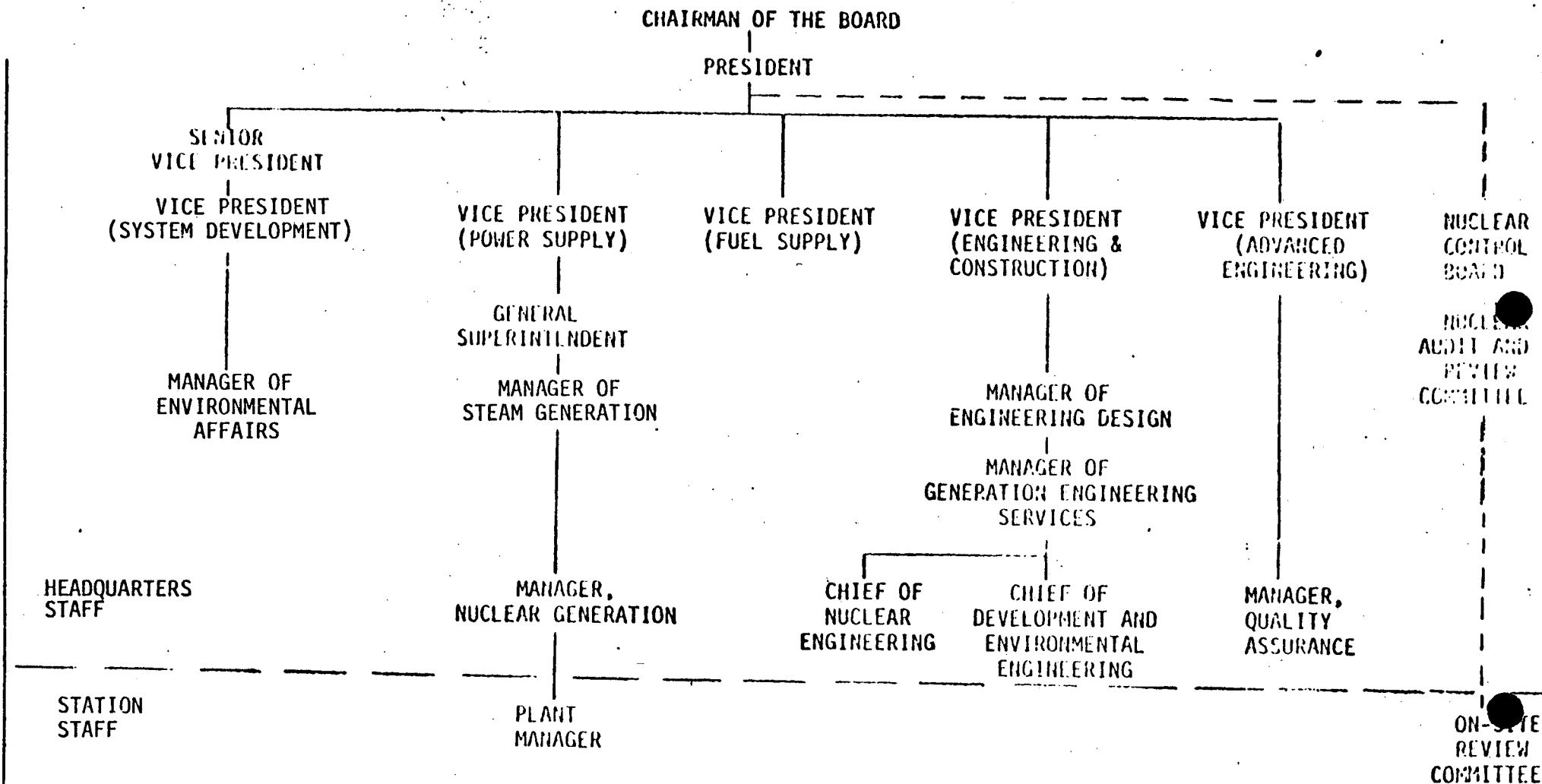


FIGURE 5.2-1 SOUTHERN CALIFORNIA EDISON COMPANY CORPORATE ORGANIZATION

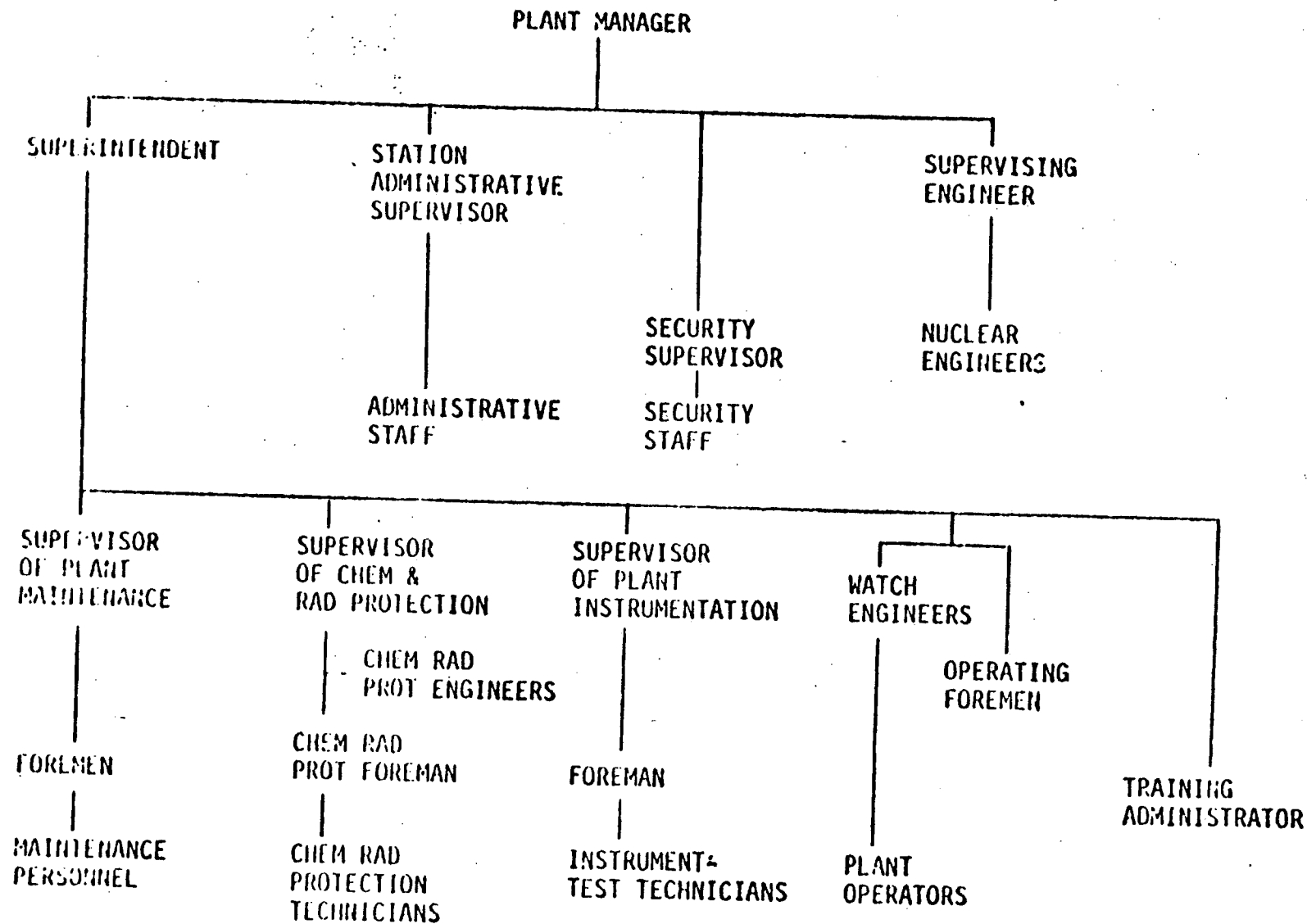


FIGURE 5.2-2 SAN ONOFRE NUCLEAR GENERATING STATION (UNIT 1) ORGANIZATION

b. Responsibilities and Authority

- (1) Determine potential environmental hazards by review and evaluation of facility activities
- (2) Analyze and review Environmental Technical Specification violations. Submit reports of such incidents to the Nuclear Audit and Review Committee.
- (3) Analyze and review reportable environmental occurrences or other facility incidents which relate to the environmental impact of the station and its operation. Submit reports of such incidents to the Nuclear Audit and Review Committee.
- (4) Review and approve facility procedures, tests or experiments and changes thereto which relate to the environmental impact of the station and its operation.
- (5) Review and approve proposed changes to the facility which relate to the environmental impact of the station and its operation.
- (6) When items reviewed under paragraphs (4) and (5) above involve a change in the Environmental Technical Specifications, or a change which would significantly alter the environmental impact of the facility, it shall be submitted to the Nuclear Audit and Review Committee.
- (7) Review proposed changes to the Environmental Technical Specifications and submit to the Nuclear Audit and Review Committee.
- (8) Review station-based environmental surveillance programs for compliance with these environmental technical specifications.

c. Meeting Frequency: Monthly and as Required

- d. Quorum: The Chairman or his designated alternative plus three members, including alternates. For environmental matters the Supervisor of Chemistry and Radiation Protection or an adequately qualified representative shall be present.
- e. Alternates: Alternate members shall be appointed in writing by The Onsite Review Committee Chairman to serve on a temporary basis; however, no more than two alternates shall participate in Onsite Review Committee actions at any time.



The membership of the Nuclear Audit and Review Committee and the responsibilities and authorities of the Committee with respect to these environmental technical specifications are as follows:

a. Membership (Chairman designated by the Nuclear Control Board)

- (1) Manager, Generation Engineering Services
- (2) Manager of Environmental Affairs
- (3) Manager of Steam Generation
- (4) Chief of Nuclear Engineering
- (5) Chief of Development & Environmental Engineering
- (6) Manager of Quality Assurance
- (7) Manager, Nuclear Generation
- (8) San Diego Gas & Electric Representative

b. Responsibilities

- (1) Review and investigate reports concerning violations of the Environmental Technical Specifications. Where investigation indicates, evaluate and prepare recommendations to prevent their recurrence.
- (2) Review proposed changes to the Environmental Technical Specifications. Coordinate environmental technical specifications with the safety technical specifications to avoid conflicts and maintain consistency. Submit approved proposed changes to the Environmental Technical Specifications to the Nuclear Control Board for transmittal.
- (3) Review and approve proposed changes to the facility and its procedures or proposed tests or experiments which are forwarded by the Onsite Review Committee when they involve a change in the Environmental Technical Specifications, or a change which would significantly alter the environmental impact of the facility. Submit such proposed changes when required with appropriate environmental analysis to the Nuclear Control Board for transmittal.
- (4) Review all environmental surveillance programs for compliance with these environmental technical specifications.
- (5) Review all design changes related to changes in the Station which relate to the environmental impact of the station and its operation.
- (6) Review overall facility activities as they relate to environmental impact by:
  - (a) formal facility review annually and as directed by the Committee Chairman.

(b) review of Onsite Review Committee meeting minutes.

(c) review of reportable environmental occurrences and other environmental impact related facility incident reports.

(d) ensure that results of the environmental surveillance programs are reviewed prior to their submittal in each semiannual operating report.

(7) When deficiencies in the administrative controls for the facility in relation to environmental effects are determined through the review of the Committee, corrective action shall be initiated by the Chairman and a report submitted to the Nuclear Control Board.

c. Meeting Frequency: Semiannually and as Required

d. Quorum: The Chairman or his designated alternate and four members knowledgeable in environmental matters.

Alternates: Alternate members shall be appointed in writing by the Nuclear Audit and Review Committee Chairman to serve on a temporary basis; however, no more than two alternates shall participate in Nuclear Audit and Review Committee actions at any time.

### 5.3.3

The membership of the Nuclear Control Board and its responsibilities and authorities with respect to these environmental technical specifications are as follows:

a. Membership

- (1) Vice President (Power Supply)
- (2) Vice President (Quality Assurance)
- (3) Vice President (Engineering and Construction)
- (4) Vice President (San Diego Gas & Electric Company)

b. Responsibilities

- (1) Formally submit an environmental analysis report to the NRC if an environmental technical specification is violated.
- (2) Formally submit proposed changes to the Environmental Technical Specifications and design or operational changes which would significantly alter the environmental impact of the facility to the NRC for final approval.
- (3) Maintain management control with respect to environmental impact.

c. Meeting Frequency: As Required

d. Quorum: Two